

Amendments to the Claims

- 1 Claim 1 (currently amended): A method of improving installation of software packages,
2 comprising steps of:
3 defining an object model as a framework for creating representing a plurality of
4 components of a software installation package and packages including one or more topology
5 objects, wherein the model is independent of any particular software installation package to be
6 created from the model and specifies that each particular software installation package has a suite
7 level and a component level, wherein the suite level serves as a container for one or more
8 topology objects and one or more components to be included at the component level and each
9 component comprises a plurality of objects and wherein each topology object identifies one or
10 more selected ones of the components; and
11 populating the object model to describe a particular software installation package and one
12 or more topologies for deployment of that particular software installation package.

1 Claim 2 (original): The method according to Claim 1, further comprising the step of instantiating
2 a plurality of objects according to the defined object model, and wherein the populating step
3 populates the instantiated objects.

1 Claim 3 (original): The method according to Claim 2, wherein the instantiated objects are
2 JavaBeans.

1 Claim 4 (original): The method according to Claim 2, wherein the instantiating step instantiates

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2 an object for the particular software installation package and one or more component objects for
3 each software component included in the particular software installation package.

1 Claim 5 (original): The method according to Claim 1, further comprising the steps of:
2 selecting at least one of the topologies for deployment; and
3 using the populated object model to install the particular software installation package
4 using the selected topology.

1 Claim 6 (currently amended): The method according to Claim 5, wherein the step of using the
2 populated object model further comprises the steps of:
3 identifying one or more target machines on which the particular software installation
4 package is to be installed;
5 downloading the particular software installation package from a server to the identified
6 target machines; and
7 performing an installation at each of the identified target machines using the downloaded
8 particular software installation package.

1 Claim 7 (currently amended): The method according to Claim 6, further comprising the step of
2 authenticating by individual ones of the identified target machines, the [[a]] server on which the
3 downloading step operates prior to an operation of the downloading step of performing the
4 installation.

1 Claim 8 (original): The method according to Claim 1, wherein each topology object provides a
2 recommended configuration of the software installation package.

1 Claim 9 (original): The method according to Claim 1, wherein each topology object provides a
2 required configuration of the software installation package.

1 Claim 10 (currently amended): A system for improving installation of software packages,
2 comprising:

3 means for defining an object model as a framework for creating representing a plurality of
4 components of a software installation package and packages including one or more topology
5 objects, wherein the model is independent of any particular software installation package to be
6 created from the model and specifies that each particular software installation package has a suite
7 level and a component level, wherein the suite level serves as a container for one or more
8 topology objects and one or more components to be included at the component level and each
9 component comprises a plurality of objects and wherein each topology object identifies one or
10 more selected ones of the components; and

11 means for populating the object model to describe a particular software installation
12 package and one or more topologies for deployment of that particular software installation
13 package.

1 Claim 11 (original): The system according to Claim 10, further comprising:
2 means for selecting at least one of the topologies for deployment; and

3 means for using the populated object model to install the particular software installation
4 package using the selected topology.

1 Claim 12 (currently amended): The system according to Claim 11, wherein the means for using
2 the populated object model further comprises:

3 means for identifying one or more target machines on which the particular software
4 installation package is to be installed;

5 means for downloading the particular software installation package from a server to the
6 identified target machines; and

7 means for performing an installation at each of the identified target machines using the
8 downloaded particular software installation package.

1 Claim 13 (original): The system according to Claim 10, wherein each topology object provides
2 a recommended configuration of the software installation package.

1 Claim 14 (original): The system according to Claim 10, wherein each topology object provides
2 a required configuration of the software installation package.

1 Claim 15 (currently amended): A computer program product for improving installation of
2 software packages, the computer program product embodied on one or more computer-readable
3 media and comprising:

4 computer-readable program code means for defining an object model as a framework for

5 creating representing a plurality of components of a software installation package and packages
6 including one or more topology objects, wherein the model is independent of any particular
7 software installation package to be created from the model and specifies that each particular
8 software installation package has a suite level and a component level, wherein the suite level
9 serves as a container for one or more topology objects and one or more components to be
10 included at the component level and each component comprises a plurality of objects and
11 wherein each topology object identifies one or more selected ones of the components; and
12 computer-readable program code means for populating the object model to describe a
13 particular software installation package and one or more topologies for deployment of that
14 particular software installation package.

1 Claim 16 (original): The computer program product according to Claim 15, further comprising:
2 computer-readable program code means for selecting at least one of the topologies for
3 deployment; and
4 computer-readable program code means for using the populated object model to install
5 the particular software installation package using the selected topology.

1 Claim 17 (currently amended): The computer program product according to Claim 16, wherein
2 the computer-readable program code means for using the populated object model further
3 comprises:
4 computer-readable program code means for identifying one or more target machines on
5 which the particular software installation package is to be installed;

6 computer-readable program code means for downloading the particular software
7 installation package from a server to the identified target machines; and
8 computer-readable program code means for performing an installation at each of the
9 identified target machines using the downloaded particular software installation package.

1 Claim 18 (original): The computer program product according to Claim 15, wherein each
2 topology object provides a recommended configuration of the software installation package.

1 Claim 19 (original): The computer program product according to Claim 15, wherein each
2 topology object provides a required configuration of the software installation package.